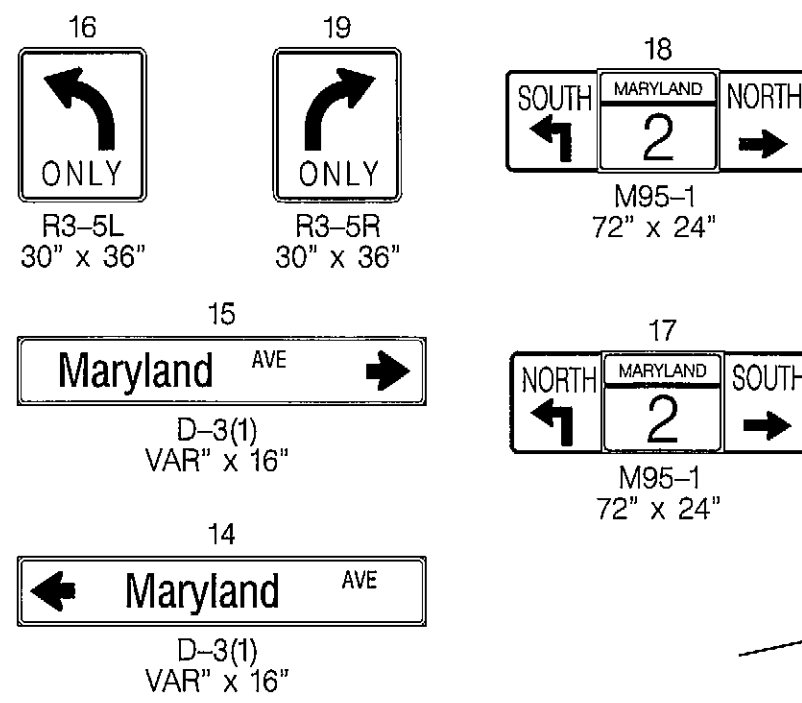


DRILL HOLES

DRILL HOLES

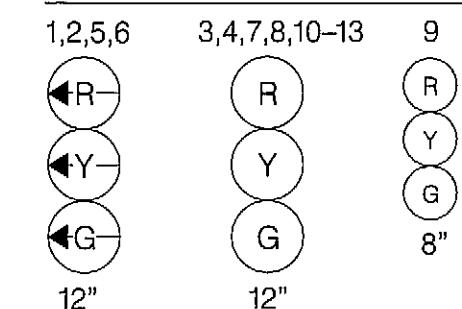
DRILL HOLES

EXISTING SIGNS

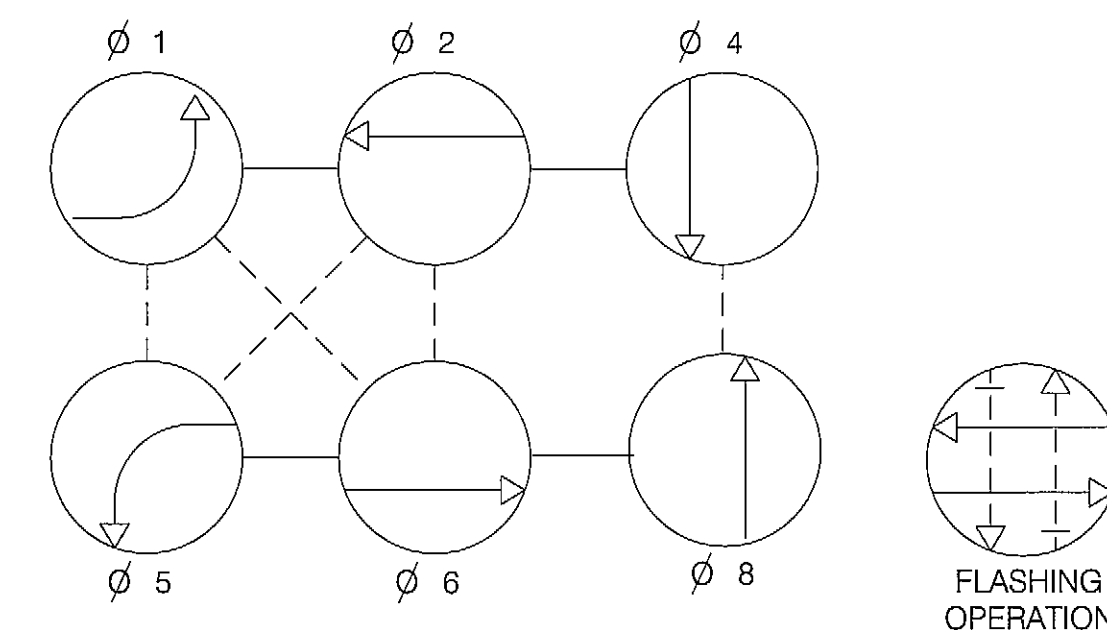


MARYLAND AVENUE
(GLEN BURNIE TOWN CENTER)

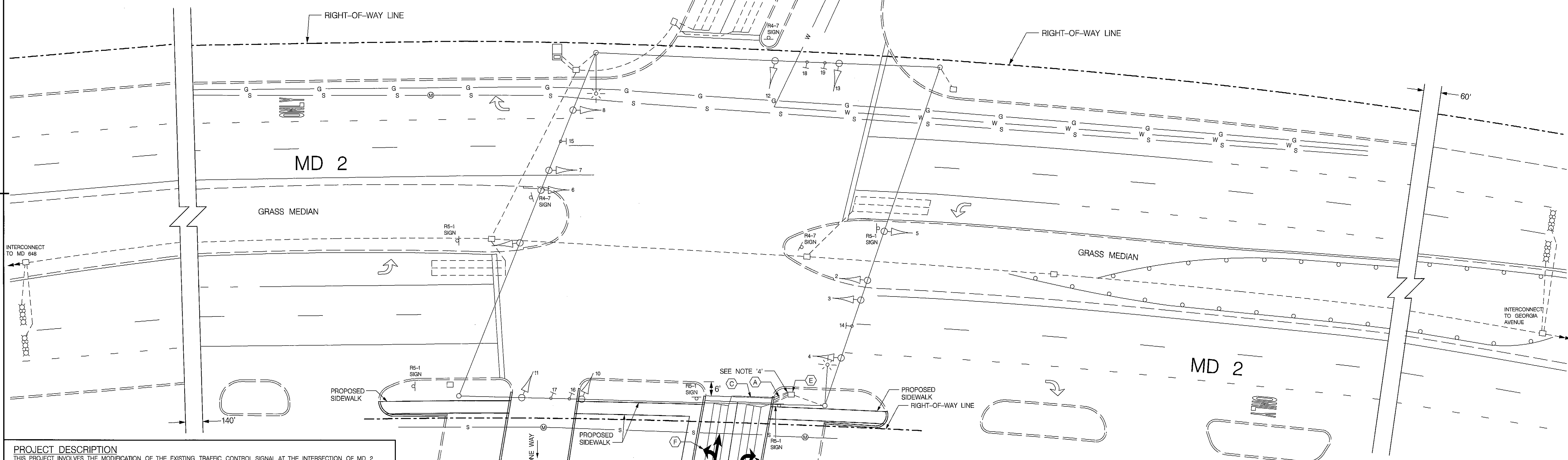
EXISTING SIGNALS



NEMA PHASING



PHASING NOTES:
1.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2.) PHASES ASSOCIATED BY A DASHED LINE MAY OPERATE CONCURRENTLY.



PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTION OF MD 2 AND MARYLAND AVENUE (GLEN BURNIE TOWN CENTER) IN ANNE ARUNDEL COUNTY. MD 2 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

INTERSECTION OPERATION

THE INTERSECTION CURRENTLY OPERATES IN A SIX PHASE FULLY-ACTUATED MODE WITH EXCLUSIVE LEFT TURN PHASES FOR N.B. AND S.B. MD 2. THIS OPERATION WILL NOT CHANGE.

PROJECT CONSTRUCTION

THE WORK IS NECESSITATED BY CURB AND GUTTER REPLACEMENT SIGNALIZATION WORK WILL CONSIST OF REPLACING DETECTION ON THE EAST LEG OF THE INTERSECTION.

EQUIPMENT LIST "A"

A. EQUIPMENT TO BE FURNISHED BY THE SHA AND INSTALLED BY THE CONTRACTOR

ITEM NO.	QUANTITY	DESCRIPTION
NONE		

EQUIPMENT LIST "B"

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR. ALL EQUIPMENT SHALL HAVE CATALOG CUTS SUBMITTED TO THE OFFICE OF TRAFFIC AND SAFETY FOR APPROVAL PRIOR TO INSTALLATION.

QUANTITY	DESCRIPTION
1 S	MAINTENANCE OF TRAFFIC
1 EA	ADJUST ELECTRICAL HANDHOLE TO FINAL GRADE
20 LF	1 IN. LIQUID TIGHT, FLEXIBLE, NON-METALLIC CONDUIT FOR DETECTOR SLEEVE
880 LF	LOOP WIRE (NO. 14 A.W.G.) ENCASED IN 1/4 IN. FLEXIBLE TUBING
230 LF	SAW CUT
30 LF	24 IN. WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES
2 EA	WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING ARROWS
30 LF	5 IN. WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING

CONSTRUCTION DETAILS

- INSTALL 1 IN. LIQUID-TIGHT, FLEXIBLE NON-METALLIC CONDUIT (DETECTOR WIRE SLEEVE)
- INSTALL 6 FT. X 30 FT. QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING (3-6-3 WINDING)
- INSTALL 24 IN. WHITE PERMANENT PREFORMED PAVEMENT MARKING TAPE
- INSTALL 5 IN. WHITE PERMANENT PREFORMED PAVEMENT MARKING TAPE (30 FT. LENGTH)
- ADJUST HANDHOLE TO FINAL GRADE
- INSTALL PAVEMENT MARKING ARROW

NOTES:

- INSTALL LOOP DETECTORS 1 FT. BEHIND STOPLINES
- INSTALL DETECTORS AND CONDUIT PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS.
- THE CONTRACTOR SHALL CONFIRM THE LOCATION OF GEOMETRICS GEOMETRICS PRIOR TO THE INSTALLATION OF SIGNAL EQUIPMENT
- SPlice NEW LOOP WIRE TO EXISTING 2-CONDUCTOR (ALUMINUM SHIELDED) CABLE IN HANDHOLE

TRAFFIC CONCEPTS, INC.

325 Gambrills Road
Suite B
Gambrills, MD 21054
(410) 923-7101
FAX: (410) 923-6473
EMAIL: TRAFFIC@TRAFFIC-CONCEPTS.COM

APPROVALS
TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR
FILE PATH: \$FILES\$
DATE: \$DATE\$

REVISIONS
8-1-09
REPLACE DETECTION DUE TO CURB REPLACEMENT
SHA NO. BW-996M82
TMZ



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 2 AND MARYLAND AVE/GLEN BURNIE TOWN CENTER)

TRAFFIC SIGNALIZATION PLAN

SCALE 1"=20'	DATE 1-23-98	CONTRACT NO.
DESIGNED BY T. ZAYDEL	COUNTY ANNE ARUNDEL	
DRAWN BY T. ZAYDEL	LOGMILE	
CHECKED BY K. SCHMID	T.I.M.S. NO.	
F.A.P. NO. NA	TOD. NO.	

DRAWING NO. TS-3817A

SHEET NO. 1 OF 2